

5012.1013

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: To Be Assigned	Art Unit: To Be Assigned
Re: Application of:	Charalampos KOSMAS
Serial No.:	To Be Assigned
Filed:	Herewith
For:	<b>ACTUATOR ARM FOR USE IN A SPACECRAFT</b>
Customer No.:	23280

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 16, 2005

S i r:

In accordance with the provisions of 37 C.F.R. § 1.97, Applicant hereby makes of record the documents listed on the accompanying PTO-1449 Form (1 page) for consideration by the Examiner in connection with the examination of the above-identified patent application. While the references are being submitted herewith, some or all of the references may not constitute prior art under the U.S. patent laws.

This Information Disclosure Statement is filed under 37 C.F.R. §1.97 (b), before the mailing date of a First Office Action, therefore no fee is believed due. If any additional fees are deemed to be due at this time, the Assistant Commissioner is authorized to charge payment of the same to Deposit Account No. 50-0552.

10/539866

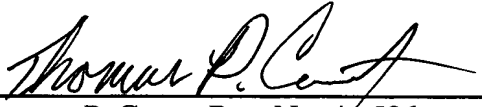
JC06 Rec'd PCT/PTO 17 JUN 2005

5012.1013

It is respectfully requested that the references cited in the accompanying PTO-1449 form be considered and made of record. It is respectfully submitted that the pending claims are patentable over all of the references made of record at this time.

Respectfully Submitted,  
DAVIDSON, DAVIDSON & KAPPEL, LLC

By: \_\_\_\_\_

  
Thomas P. Canty, Reg. No. 44,586

Davidson, Davidson & Kappel, LLC  
485 Seventh Avenue, 14th Floor  
New York, New York 10018  
(212) 736-1940

10/539866

FORM PTO-1449  
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.  
5012.1013

APPLICATION NO  
To Be Assigned

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT  
Charalampos KOSMAS

FILING DATE  
Herewith

GROUP  
To Be Assigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A01	3,144,215	Aug. 11, 1964	G. J. Klein	242	54	
	A02	3,199,626	Aug. 10, 1965	P. N. Van Schaik et al.	182	3	
	A03	3,268,091	Aug. 23, 1966	D. F. Melton	214	1	
	A04	4,177,964	Dec. 11, 1979	Hujzak et al.	244	161	
	A05	4,273,305	Jun. 16, 1981	Hinds	244	158 R	
	A06	4,349,837	Sep. 14, 1982	Hinds	358	93	
	A07	4,657,221	Apr. 14, 1987	Urmston et al.	249	175	
	A08	4,896,848	Jan. 30, 1990	Ballard et al.	244	158 R	
	A09	4,946,596	Aug. 7, 1990	Furuta et al.	210	679	
	A10	5,299,764	Apr. 5, 1994	Scott	244	159	
	A11	5,410,731	Apr. 25, 1995	Rouffet et al.	455	13.1	
	A12	5,813,634	Sep. 29, 1998	Pizzicaroli et al.	244	176	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A13	WO 97/31822	Sep. 4, 1997	WO-WIPO			In English	
	A14	WO 01/03310	Jan. 11, 2001	WO-WIPO			In English	
	A15	WO 02/08059	Jan. 31, 2002	WO-WIPO			In English	
	A16	EP 1 101 699	May 23, 2001	EP-Europe			Corresponds to US 6,293,499	
	A17	EP 1 245 967	Oct. 2, 2002	EP-Europe			Corresponds to US 2004/0140930	
	A18	DE 198 19 858	Nov. 11, 1999	DE-Germany			Abstract; see International Search Report	
	A19	DE 40 41 167	Jul. 2, 1992	DE-Germany			Abstract; see International Search Report	
	A20							

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

	A21	International Search Report for PCT/EP2003/14459 (3 pages)
	A22	

**EXAMINER**

**DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.  
5012.1013

APPLICATION NO.  
107539866  
To Be Assigned

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT

Charalampos KOSMAS

FILING DATE  
Herewith

GROUP  
To Be Assigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A23	6,293,499	Sep. 25, 2001	MacGillivray et al.	244	158 R	
	A24	6,296,205	Oct. 2, 2001	Hanson et al.	244	158 R	
	A25	6,384,860	May 7, 2002	Tullock et al.	348	144	
	A26	2003/0183726	Oct. 2, 2003	Lounge et al.	244	158 R	
	A27	2004/0140930	Jul. 22, 2004	Harles	342	387	
	A28						
	A29						
	A30						
	A31						
	A32						
	A33						
	A34						
	A35						
	A36						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A37							
	A38							
	A39							
	A40							
	A41							
	A42							
	A43							
	A44							
	A45							
	A46							
	A47							

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.